

SEQUENCE LISTING

<110> He et al.

<120> Interleukin-1 Beta Converting Enzyme Like Apoptosis Protease 3 and 4

<130> PF140

<140> US 08/334,251

<141> 1994-11-01

<160> 12

<170> PatentIn version 3.0

<210> 1

<211> 1369

<212> DNA

<213> Homo sapiens

<400> 1

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<210> 2
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 <212> PRT
 <213> Homo sapiens

<400> 2

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 35 40 45
 Lys Thr Thr Arg Asp Arg Val Pro Thr Tyr Gln Tyr Asn Met Asn Phe
 50 55 60
 Glu Lys Leu Gly Lys Cys Ile Ile Ile Asn Asn Lys Asn Phe Asp Lys
 65 70 75 80
 Val Thr Gly Met Gly Val Arg Asn Gly Thr Asp Lys Asp Ala Glu Ala
 85 90 95
 Leu Phe Lys Cys Phe Arg Ser Leu Gly Phe Asp Val Ile Val Tyr Asn
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 Asp Cys Ser Cys Ala Lys Met Gln Asp Leu Leu Lys Lys Ala Ser Glu
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 Glu Asp His Thr Asn Ala Ala Cys Phe Ala Cys Ile Leu Leu Ser His
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 Asp Leu Thr Ala His Phe Arg Gly Asp Arg Cys Lys Thr Leu Leu Glu
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 Lys Pro Lys Leu Phe Phe Ile Gln Ala Cys Arg Gly Thr Glu Leu Asp
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 Pro Arg Tyr Lys Ile Pro Val Glu Ala Asp Phe Leu Phe Ala Tyr Ser
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 Thr Val Pro Gly Tyr Tyr Ser Trp Arg Ser Pro Gly Arg Gly Ser Trp
 225 230 235 240

Phe Val Gln Ala Leu Cys Ser Ile Leu Glu Glu His Gly Lys Glu Leu
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Glu Ile Met Gln Ile Leu Thr Arg Val Asn Asp Arg Val Ala Arg His
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<210> 3
<211> 1159
<212> DNA
<213> Homo sapiens

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<210> 4
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 <213> Homo sapiens

<400> 4

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Leu Asp Asn Ser Tyr Lys Met Asp Tyr Pro Glu Met Gly Leu Cys Ile
35      40      45

Ile Ile Asn Asn Lys Asn Phe His Lys Ser Thr Gly Met Thr Ser Arg
50      55      60

Ser Gly Thr Asp Val Asp Ala Ala Asn Leu Arg Glu Thr Phe Arg Asn
65      70      75      80

Leu Lys Tyr Glu Val Arg Asn Lys Asn Asp Leu Thr Arg Glu Glu Ile
85      90      95

Val Glu Leu Met Arg Asp Val Ser Lys Glu Asp His Ser Lys Arg Ser
100     105     110

Ser Phe Val Cys Val Leu Leu Ser His Gly Glu Glu Gly Ile Ile Phe
115     120     125

Gly Thr Asn Gly Pro Val Asp Leu Lys Lys Ile Thr Asn Phe Phe Arg
130     135     140

Gly Asp Arg Cys Arg Ser Leu Thr Gly Lys Pro Lys Leu Phe Ile Ile
145     150     155     160

Gln Ala Cys Arg Gly Thr Glu Leu Asp Cys Gly Ile Glu Thr Asp Ser
165     170     175

Gly Val Asp Asp Asp Met Ala Cys His Lys Ile Pro Val Glu Ala Asp
180     185     190

Phe Leu Tyr Ala Tyr Ser Thr Ala Pro Gly Tyr Tyr Ser Trp Arg Asn
195     200     205

Ser Lys Asp Gly Ser Trp Phe Ile Gln Ser Leu Cys Ala Met Leu Lys
210     215     220

Gln Tyr Ala Asp Lys Leu Glu Phe Met His Ile Leu Thr Arg Val Asn
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Arg Lys Val Ala Thr Glu Phe Glu Ser Phe Ser Phe Asp Ala Thr Phe
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Leu Tyr Phe Tyr His
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<210> 5
 <211> 31
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 <220>
 <223> Contains a Bam HI restriction enzyme site

 <400> 5
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 <210> 6
 <211> 31
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Contains complementary sequences to an Xba I site

 <400> 6
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 <210> 7
 <211> 31
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Contains a Bam HI restriction enzyme site

 <400> 7
 gatcggatcc atggagaaca ctgaaaactc a 31

 <210> 8
 <211> 31
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Contains complementary sequences to an Xba I site

 <400> 8
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 <210> 9
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Contains the ICE-LAP-3 translational initiation site ATG

 <400> 9
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<210> 10
 <211> 53
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Contains translation stop codon and an HA tag

<400> 10
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<210> 11
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Contains the ICE-LAP-4 translational initiation site, ATG

<400> 11
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<210> 12
 <211> 53
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Contains translation stop codon and an HA tag

<400> 12
 aatcaagcgt agtctgggac gtcgtatggg tagtgataaa aatagagttc ttt 53